.-online.com antibodies

Datasheet for ABIN6990885 anti-TMC6 antibody (AA 560-610)



Overview

| Overview | |
|---|--|
| Quantity: | 0.1 mg |
| Target: | TMC6 |
| Binding Specificity: | AA 560-610 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TMC6 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF) |
| | |
| Product Details | |
| Product Details Immunogen: | EVER1 antibody was raised against a 15 amino acid synthetic peptide from near the center of human EVER1. The immunogen is located within amino acids 560 - 610 of EVER1. |
| | EVER1 antibody was raised against a 15 amino acid synthetic peptide from near the center of human EVER1. The immunogen is located within amino acids 560 - 610 of EVER1. IgG |
| Immunogen: | human EVER1. The immunogen is located within amino acids 560 - 610 of EVER1. |
| Immunogen: Isotype: Specificity: | human EVER1. The immunogen is located within amino acids 560 - 610 of EVER1. IgG At least four isoforms of EVER1 are known to exist. This EVER1 antibody does not cross-react |
| Immunogen: Isotype: | human EVER1. The immunogen is located within amino acids 560 - 610 of EVER1. IgG At least four isoforms of EVER1 are known to exist. This EVER1 antibody does not cross-react with EVER2. |
| Immunogen: Isotype: Specificity: Purification: | human EVER1. The immunogen is located within amino acids 560 - 610 of EVER1. IgG At least four isoforms of EVER1 are known to exist. This EVER1 antibody does not cross-react with EVER2. |

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Target Details

| Background: | EVER1 Antibody: Epidermodysplasia verruciformis (EV) is an autosomal recessive dermatosis |
|---------------------|--|
| | characterized by abnormal susceptibility to human papillomaviruses (HPVs) and a high rate of |
| | progression to squamous cell carcinoma on sun-exposed skin. EV is caused by mutations in |
| | either of two adjacent genes, EVER1 and EVER2, located on chromosome 17q25.3. Both of |
| | these genes encode integral membrane proteins that localize to the endoplasmic reticulum and |
| | are predicted to form transmembrane channels. Both EVER1 and EVER2 are members of the |
| | transmembrane channel-like (TMC) protein family. EVER1 possesses eight trans-membrane |
| | domains and two leucine zipper motifs. EVER1 and EVER2 form a complex and interact with |
| | the zinc transporter 1 (ZnT-1), suggesting that EVER1 and EVER2 act to regulate cellular zinc |
| | balance. |
| Gene ID: | 11322 |
| UniProt: | Q7Z403 |
| Application Details | |
| Application Notes: | EVER1 antibody can be used for the detection of EVER1 by Western blot at 1 - 2 μ ,g/mL. |
| | Antibody can also be used for immunohistochemistry starting at 2.5 $\mu\text{,g/mL}.$ For |
| | immunofluorescence start at 20 µ,g/mL. |
| | Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples |
| | and Immunofluorescence in human samples. All other applications and species not yet tested. |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | EVER1 Antibody is supplied in PBS containing 0.02 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which |
| | should be handled by trained staff only. |
| Storage: | -20 °C,4 °C |
| Storage Comment: | EVER1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As |
| | with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should |

with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

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